

Adam Byron

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

3,396
citations

25
h-index

58
g-index

67
ext. papers

4,204
ext. citations

8.5
avg, IF

5.21
L-index

#	Paper	IF	Citations
57	Glioblastomas acquire myeloid-affiliated transcriptional programs via epigenetic immunoediting to elicit immune evasion. <i>Cell</i> , 2021 , 184, 2454-2470.e26	56.2	35
56	mTORC1 activity is supported by spatial association with focal adhesions. <i>Journal of Cell Biology</i> , 2021 , 220,	7.3	12
55	FAK regulates IL-33 expression by controlling chromatin accessibility at c-Jun motifs. <i>Scientific Reports</i> , 2021 , 11, 229	4.9	3
54	Network Analysis of Integrin Adhesion Complexes. <i>Methods in Molecular Biology</i> , 2021 , 2217, 149-179	1.4	2
53	Basement membrane ligands initiate distinct signalling networks to direct cell shape. <i>Matrix Biology</i> , 2020 , 90, 61-78	11.4	23
52	Novel roles of PRK1 and PRK2 in cilia and cancer biology. <i>Scientific Reports</i> , 2020 , 10, 3902	4.9	6
51	The autophagy protein Ambra1 regulates gene expression by supporting novel transcriptional complexes. <i>Journal of Biological Chemistry</i> , 2020 , 295, 12045-12057	5.4	3
50	Evaluation of Gene Expression Data From Cybrids and Tumours Highlights Elevated -Driven Proliferation in Triple-Negative Breast Cancer. <i>Breast Cancer: Basic and Clinical Research</i> , 2020 , 14, 1178-1193	2.3	134447
49	A Synergistic Anticancer FAK and HDAC Inhibitor Combination Discovered by a Novel Chemical-Genetic High-Content Phenotypic Screen. <i>Molecular Cancer Therapeutics</i> , 2020 , 19, 637-649	6.1	7
48	Structural basis of Focal Adhesion Kinase activation on lipid membranes. <i>EMBO Journal</i> , 2020 , 39, e104743	13	17
47	Regulation of Cell-Matrix Adhesion Networks: Insights from Proteomics. <i>Biology of Extracellular Matrix</i> , 2020 , 183-208	0.6	0
46	Integrative analysis of multi-platform reverse-phase protein array data for the pharmacodynamic assessment of response to targeted therapies. <i>Scientific Reports</i> , 2020 , 10, 21985	4.9	3
45	Reproducibility and Crossplatform Validation of Reverse-Phase Protein Array Data. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1188, 181-201	3.6	4
44	Kindlin-1 Promotes Pulmonary Breast Cancer Metastasis. <i>Cancer Research</i> , 2018 , 78, 1484-1496	10.1	9
43	Proteomic Profiling of Integrin Adhesion Complex Assembly. <i>Methods in Molecular Biology</i> , 2018 , 1764, 193-236	1.4	6
42	Trafficking of Adhesion and Growth Factor Receptors and Their Effector Kinases. <i>Annual Review of Cell and Developmental Biology</i> , 2018 , 34, 29-58	12.6	7
41	E-cadherin loss induces targetable autocrine activation of growth factor signalling in lobular breast cancer. <i>Scientific Reports</i> , 2018 , 8, 15454	4.9	37

40	Clustering and Network Analysis of Reverse Phase Protein Array Data. <i>Methods in Molecular Biology</i> , 2017 , 1606, 171-191	1.4	4
39	Nuclear FAK and Runx1 Cooperate to Regulate IGFBP3, Cell-Cycle Progression, and Tumor Growth. <i>Cancer Research</i> , 2017 , 77, 5301-5312	10.1	31
38	IL-33 and ST2 mediate FAK-dependent antitumor immune evasion through transcriptional networks. <i>Science Signaling</i> , 2017 , 10,	8.8	45
37	Ambra1 spatially regulates Src activity and Src/FAK-mediated cancer cell invasion via trafficking networks. <i>ELife</i> , 2017 , 6,	8.9	24
36	Characterization of the Phospho-Adhesome by Mass Spectrometry-Based Proteomics. <i>Methods in Molecular Biology</i> , 2017 , 1636, 235-251	1.4	8
35	Ligand-induced Epitope Masking: DISSOCIATION OF INTEGRIN $\beta 1$ -FIBRONECTIN COMPLEXES ONLY BY MONOCLONAL ANTIBODIES WITH AN ALLOSTERIC MODE OF ACTION. <i>Journal of Biological Chemistry</i> , 2016 , 291, 20993-21007	5.4	9
34	Identification of novel pathways linking epithelial-to-mesenchymal transition with resistance to HER2-targeted therapy. <i>Oncotarget</i> , 2016 , 7, 11539-52	3.3	22
33	Adhesion protein networks reveal functions proximal and distal to cell-matrix contacts. <i>Current Opinion in Cell Biology</i> , 2016 , 39, 93-100	9	26
32	Proteomic analysis of integrin-associated complexes from mesenchymal stem cells. <i>Proteomics - Clinical Applications</i> , 2016 , 10, 51-7	3.1	24
31	Isolation of integrin-based adhesion complexes. <i>Current Protocols in Cell Biology</i> , 2015 , 66, 9.8.1-9.8.15	2.3	32
30	Nuclear FAK controls chemokine transcription, Tregs, and evasion of anti-tumor immunity. <i>Cell</i> , 2015 , 163, 160-73	56.2	211
29	A proteomic approach reveals integrin activation state-dependent control of microtubule cortical targeting. <i>Nature Communications</i> , 2015 , 6, 6135	17.4	50
28	Definition of a consensus integrin adhesome and its dynamics during adhesion complex assembly and disassembly. <i>Nature Cell Biology</i> , 2015 , 17, 1577-1587	23.4	300
27	Defining the phospho-adhesome through the phosphoproteomic analysis of integrin signalling. <i>Nature Communications</i> , 2015 , 6, 6265	17.4	86
26	Genetic Background is a Key Determinant of Glomerular Extracellular Matrix Composition and Organization. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 3021-34	12.7	31
25	Exploring mechanisms of acquired resistance to HER2 (human epidermal growth factor receptor 2)-targeted therapies in breast cancer. <i>Biochemical Society Transactions</i> , 2014 , 42, 822-30	5.1	15
24	Microtubule-dependent modulation of adhesion complex composition. <i>PLoS ONE</i> , 2014 , 9, e115213	3.7	23
23	Glomerular cell cross-talk influences composition and assembly of extracellular matrix. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 953-66	12.7	71

22	Global analysis reveals the complexity of the human glomerular extracellular matrix. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 939-51	12.7	119
21	The effect of peptide adsorption on signal linearity and a simple approach to improve reliability of quantification. <i>Journal of Proteomics</i> , 2013 , 85, 160-4	3.9	17
20	Defining the extracellular matrix using proteomics. <i>International Journal of Experimental Pathology</i> , 2013 , 94, 75-92	2.8	105
19	Rac1 is deactivated at integrin activation sites through an IQGAP1-filamin-A-RacGAP1 pathway. <i>Journal of Cell Science</i> , 2013 , 126, 4121-35	5.3	51
18	Comparative proteomic analysis of supportive and unresponsive extracellular matrix substrates for human embryonic stem cell maintenance. <i>Journal of Biological Chemistry</i> , 2013 , 288, 18716-31	5.4	43
17	Proteomic analysis of extracellular matrix from the hepatic stellate cell line LX-2 identifies CYR61 and Wnt-5a as novel constituents of fibrotic liver. <i>Journal of Proteome Research</i> , 2012 , 11, 4052-64	5.6	58
16	Alternative cellular roles for proteins identified using proteomics. <i>Journal of Proteomics</i> , 2012 , 75, 4184-5	5.9	5
15	Proteomic analysis of $\alpha 5 \beta 1$ integrin adhesion complexes reveals β subunit-dependent protein recruitment. <i>Proteomics</i> , 2012 , 12, 2107-14	4.8	46
14	A syndecan-4 hair trigger initiates wound healing through caveolin- and RhoG-regulated integrin endocytosis. <i>Developmental Cell</i> , 2011 , 21, 681-93	10.2	103
13	Analyzing the anatomy of integrin adhesions. <i>Science Signaling</i> , 2011 , 4, jc3	8.8	23
12	Proteomic analysis of integrin adhesion complexes. <i>Science Signaling</i> , 2011 , 4, pt2	8.8	36
11	Adhesion signalling complexes. <i>Current Biology</i> , 2010 , 20, R1063-R1067	6.3	41
10	Proteomic analysis of integrin-associated complexes identifies RCC2 as a dual regulator of Rac1 and Arf6. <i>Science Signaling</i> , 2009 , 2, ra51	8.8	178
9	Giving off mixed signals--distinct functions of $\alpha 5 \beta 1$ and $\alpha v \beta 3$ integrins in regulating cell behaviour. <i>IUBMB Life</i> , 2009 , 61, 731-8	4.7	81
8	Anti-integrin monoclonal antibodies. <i>Journal of Cell Science</i> , 2009 , 122, 4009-11	5.3	129
7	Mapping the ligand-binding pocket of integrin $\alpha 5 \beta 1$ using a gain-of-function approach. <i>Biochemical Journal</i> , 2009 , 424, 179-89	3.8	22
6	Integrin ligands at a glance. <i>Journal of Cell Science</i> , 2006 , 119, 3901-3	5.3	1138
5	Utilisation of the budding yeast <i>Saccharomyces cerevisiae</i> for the generation and isolation of non-lethal ricin A chain variants. <i>Yeast</i> , 2005 , 22, 1287-97	3.4	4

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| 4 | Integrative analysis of multi-platform reverse-phase protein array data for the pharmacodynamic assessment of response to targeted therapies | 1 |
| 3 | Improved LC-MS chromatographic alignment increases the accuracy of label-free quantitative proteomics: Comparison of spectral counting versus ion intensity-based proteomic quantification strategies | 1 |
| 2 | Eps8 is a convergence point integrating EGFR and integrin trafficking and crosstalk | 3 |
| 1 | A Synergistic Anti-Cancer FAK and HDAC Inhibitor Combination Discovered by a Novel Chemical-Genetic High-Content Phenotypic Screen | 2 |